

**FOURTH  
INFORMATION DISCLOSURE  
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Sheet 1 of 1

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Application Number	10/635,712
Filing Date	August 7, 2003
First Named Inventor	Hiraku Murayama et al.
Examiner Name	JONATHAN M. FOREMAN
Attorney Docket No.	1011350-000318

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	US-6,109,737	02-01-2000	Murata (corresponds to JP 1-328157 below)	
	US-6,001,068	12-14-1999	Uchino et al. (corresponds to JP 11-057014 below)	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
	Country Code <sup>1</sup> , Number, Kind Code			Translation	Partial Translation	Eng. Lang. Summary	Notice of Reasons for Refusal	IPER	Abstract	Cited in Spec. / Pg. No(s).
	*JP. 10-118005, A	05-12-1998	Terumo Corp.				X		X	
	*JP, 11-000737, A	01-06-1999	Toshiba Corp.				X		X	
	*JP, 11-057014, A	03-02-1999	Terumo Corp.				X		X	
	*JP, 11-151578 A	06-08-1999	Sakata				X		X	
	*JP, 8-19883 A	01-23-1996	Olympus Optical Co.				X		X	
	*JP, 04-009162, A	01-13-1992	Terumo Corp.				X		X	
	*JP, 10-328157, A	12-15-1998	Terumo Corp.				X		X	
	*JP, 06-063151, A	03-08-1994	Nissho Corp. et al.				X		X	
	*JP, 2003-159333, A	06-03-2003	Tokusen Kogyo Co., Ltd. et al.				X		X	

<sup>1</sup>Enter Office that issued the document, by the two-letter code.

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*Notice of Reasons for Refusal issued in Japanese Application No. 2003-156010 and English language translation
	*Notice of Reasons for Refusal issued in Japanese Application No. 2002-354233 and English language translation

\*Copy Attached

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.